UTILITY PATENT APPLICATION TRANSMITTAL							
Submit an original and a duplicate for fee processing (Only for new nonprovisional applications under 37 CFR 1.53(b))							
ADDRESS TO:	CL						
	Attorney Docket No. 02-325-A (400.047US)						
Mail Stop Patent Application Commissioner for Patents P.O. Box 1450	First Named Inventor Escobedo et al.						
Alexandria, Virginia 22313-1450	Express Mail No. EV 334706728 US						
APPLICATION ELEMENTS	ACCOMPANYING APPLICATION PARTS						
 Transmittal Form with Fee Specification (including claims and abstract) [Total Pages 87] Drawings [Total Sheets 11] Oath or Declaration [Total Pages a. Newly executed 	 9. Assignment Papers 10. Power of Attorney 11. English Translation Document (if applicable) 12. Information Disclosure Statement (IDS) PTO-1449 Form Copies of IDS Citations 						
 b.	 13. Preliminary Amendment 14. Return Receipt Postcard (Should be specifically itemized) 15. Certified Copy of Priority Document(s) 16. A Request for non-publication pursuant to 						
 Incorporation by Reference: The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein. Computer Code Listing (See 1.96) 	35 U.S.C. § 122(b)(2)(B)(i) 17. ⊠ Other: Patent Application Data Sheet						
 a.							
 Nucleotide and/or Amino Acid Sequence Submission a. Computer Readable Copy b. Paper Copy c. Statement verifying above copies Small Entity Status 							
 ☐ is claimed ☐ Statement filed in prior application; status still proper and desired ☐ is no longer claimed. 	÷						
18. This is a CONTINUING APPLICATION. Ple	ease note the following:						
a. This is a Continuation Divisional Continuation-in-part Escobedo et al., PCT/US02/17674, filed May 29, 2002, which claims benefit of U.S. Serial No. 60/334,461 filed November 30, 2001 and which is a continuation-in-part of Pavco et al., pending U.S. Serial No. 10/138,674, filed May 3, 2002, which is a continuation-in-part of Pavco et al., U.S. Serial No. 09/870,161, filed May 29, 2001, abandoned, which is a continuation-in-part of Pavco et al., U.S. Serial No. 09/708,690, filed November 7, 2000, abandoned, which is a continuation-in-part of Pavco et al., U.S. Serial No. 09/371,772, filed August 10, 1999, now U.S. Patent No. 6,566,127, which is a continuation-in-part of Pavco et al., U.S. Serial No. 08/584,040, filed January 11, 1996, now U.S. Patent No. 6,346,398, which claims the benefit of Pavco et al., U.S. Serial No. 60/005,974 filed October 26, 1995.							
 b. Cancel in this application original claims of the prior application before calculating the filing fee. (At least one claim must remain.) 							
 c. ☐ Amend the specification by inserting before the first line the sentence: This is a ☐ continuation ☐ divisional ☐ continuation-in-part of application Serial No. 							
d. The prior application is assigned of	record to .						

UTILITY PATENT AP	PLICATION TRANSMIT	TAL		y Docket No. 02-	-325-A		
(400.047US) APPLICATION FEES							
BASIC FEE					\$ 770.00		
CLAIMS	NUMBER FILED	NUMBER EX	TRA	RATE	\$ 110.00		
Total Claims	17 -20 =	HOWIDER EX	113/	x \$18.00	\$		
Independent Claims	1 - 3 =			x \$86.00			
	t Claims(s) if applicable			+\$290.00	\$		
		Tota	of above	e calculations =	\$		
	Re	eduction by 50% f			\$()		
Assignment fee if a				+ \$40.00	\$		
				TOTAL =	\$ 770.00		
19. Please charg	e my Deposit Account No	o. 13-2490 in the	amount o		<u> </u>		
 20. A check in the amount of \$770.00 is enclosed. 21. The Commissioner is hereby authorized to credit overpayments or charge any additional fees of the following types to Deposit Account No. 13-2490: a. Eees required under 37 CFR 1.16. b. Eees required under 37 CFR 1.17. c. Eees required under 37 CFR 1.18. 22. The Commissioner is hereby generally authorized under 37 CFR 1.136(a)(3) to treat any future reply in this or any related application filed pursuant to 37 CFR 1.53 requiring an extension of time as incorporating a request therefor, and the Commissioner is hereby specifically authorized to charge Deposit Account No. 13-2490 for any fee that may be due in connection with such a request for an extension of time. 23. CERTIFICATE OF MAILING 							
I hereby certify that, under 37 CFR § 1.10, I directed that the correspondence identified above be deposited with the United States Postal Service as "Express Mail Post Office to Addressee," addressed to Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450, on the date indicated below.							
	24. USPTO	CUSTOMER NU	MBER_				
20306 McDonnell Boehnen Hulbert & Berghoff							
OF CICHATURE OF ARRUGANT ATTORNEY OF A PRINCIPLE OF							
25. SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT REQUIRED							
Name Anita J. Terpstra							
Reg. No. 47,132							
Signature () () () () () () () () () (

UTIL (Rev. 11/21/00)

Date

November /3, 2003

UNITED STATES PATENT AND TRADEMARK OFFICE

(Case No. MRHR02.325 A (400.047LIS))

	(Case No. MBF	IBUZ-325-A (400.	.04 /	(08))				
IN THE API	PLICATION OF:)					
Escol	bedo et al.)					
Serial No.	To be assigned)	Examiner:	To Be Assigned			
Filed:	Herewith)	Group Art Unit:	To be Assigned			
Title	Nucleic Acid Based Modulat Reproductive Diseases and C)))	Confirmation No.:	To be Assigned			
Commission P.O. Box 14:	ew Patent Application er for Patents 50 VA 22313-1450							
TRANSMITTAL LETTER Sir:								
1. The CC.F.R.§1.520	Compact Disc contained herein (e):	("02-325PCT Se	eque	nce Listing") submit	ted under 37			
⊠ C	s formatted for IBM-PC Machins compatible with MS-Window contains the file "02-325PCT streated on 10.29.2003.	s Operating Syste		which is 1.10MB in s	size and was			
herein, titled	ment under 37 C.F.R. § 1.821("02-325PCT Sequence Listing sting" (COPY 2) are identical i	g" (COPY 1) and	the	copy CD-R entitled '	'02-325PCT			
Dated: Nove	ember <u>13</u> , 2003	ву:	ehn M Anit	en Hulbert & Bergh a J. Terpstra No. 47,132	off The			

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Fax: 312-913-0002